

Detailed Vertical Mixer Specifications (Trailer)

	U/M	1800 Series			2400 Series II						3600 Series II		
		265	510	750	650 / 650XH	750 / 750XH	810 / 810XH	950 / 950XH	1100 / 1100XH	1100 / 1100XH Walking Beam	1400 Non-Steering Axle	1400 Self-Steering Axle	
CAPACITY													
Mixing	ft ³ (m ³)	265 (7.5)	510 (14.4)	750 (21.2)	650 (18.4)	750 (21.2)	810 (22.9)	950 (26.9)	1,100 (31.1)	1,100 (31.1)	1,400 (39.6)	1,400 (39.6)	
w/Optional Extension	ft ³ (m ³)	Up to 330 (9.3)	Up to 620 (17.5)	Up to 910 (25.8)	755 (21.4)	859 (24.3)	950 (26.9)	1,100 (31.1)	1,270 (36)	1,270 (36)	1,580 (44.7)	1,580 (44.7)	
UNIT													
Empty Wt.	lb (kg)	7,400 (3363)	13,100 (5953)	21,000 (9525)	16,500 (7484)	17,500 (7938)	18,670 (8468.6)	19,790 (8976.6)	20,980 (9516.4)	24,200 (10976)	34,820 (15794)	35,020 (15885)	
XH Empty Wt.	lb (kg)		N/A		18,000 (8165)	19,400 (8800)	20,550 (9321.3)	22,322 (10125.0)	23,746 (10771.0)	26,966 (12231)	N/A	N/A	
Max. Load @ 25#/cu.ft.	lb (kg)	6,625 (3005)	12,750 (5783)	18,750 (8504)	16,250 (7371)	18,750 (8505)	20,250 (9185)	23,750 (10773)	27,500 (12,474)	27,500 (12474)	35,000 (15876)	35,000 (15876)	
Max. Gross Wt.	lb (kg)	14,025 (6368)	25,850 (11736)	39,750 (18029)	32,750 (14855)	36,250 (16443)	38,920 (17653.8)	43,540 (19749.4)	48,480 (21990.2)	51,700 (23451)	69,820 (17826)	70,020 (31761)	
XH Max. Gross Wt.	lb (kg)		N/A		34,250 (15535.5)	38,150 (17304.5)	40,800 (18506.6)	46,072 (20897.9)	51,246 (23326.4)	54,466 (24705)		N/A	
No. of Screws (See Options below)		1	2	3	2						3		
Overall Length	in (m)	197 ½ (5)	284 (7.2)	370 ½ (9.4)	302 (7.6)	304.5 (7.7)	325 (8.3)	329 (8.4)	358 (9.1)	358 (9.1)	420 ¼ (10.7)		
Overall Height	in (m)	98 ¾ (2.51)			102 (2.6)	102 (2.59)	111 (2.82)	99 (2.5)	108 ¼ (2.7)	131 (3.3)	120 (3)	128 (3.3)	132 (3.4)
Overall Height (W/ Powershift)	in (m)	N/A			N/A	N/A	102 (2.56)	110 ¼ (2.80)	133 (3.4)	122 (3.1)	N/A		
Overall Width	in (m)	87 (2.2)	Each side door adds 9 ¼ (235) to width of mixer.			97 (2.5)	97 (2.5)	109 (2.8)	109 (2.8)	109 (2.8)	107 ¾ (2.7)		
Screw Flighting Thickness	in (mm)				5/8 (16), ¾ (19) XH						¾ (19)		
Floor Thickness	in (mm)				¾ (19)						¾ (19)		
Sidewall Thickness	in (mm)				¼ (6), ⅜ (9.5) XH						⅝ (8)		
Minimum PTO Horsepower*		55 HP	65 HP	145 HP (LO) speed	130 HP	150 HP	125 HP	145 HP	170 HP		200 HP (LO) speed		
Viewing Platform		Access From Both Sides						Standard		Access From Left Sides			
Hour Meter													
Drive Package		Direct Drive	Direct Drive or 2-Speed	2-Speed	Direct Drive or 2-Speed			Standard		2-Speed Gearbox, Powershift, or Autoshift.			
Scale System		4-point				4-Point							
Trailer Type		Single	Split Dual	Split Dual Walking Beam	Split Dual		Split Dual Walking tandem			or Self-Steering Axle		Tri-Axle	
No. of Tires		2	4	8	4		8			4 Super Singles	12 (Duals)	6 (Super Singles)	
Tire Size		245 70R 19.5 Tubeless Implement Tires			285 70R 19.5 Tubeless Implement Tires		245 70R 19.5 Tubeless Implement Tires			385 / 65 R22.5	255 / 70 R22.5	385 / 65 R22.5	
Operating Speed		540 or 1000			1000 RPM		1000 RPM						
DOOR OPENINGS													
Front/Rear Commodity													
Height	in (mm)	26 (660)			26 (660)	30 (762)	26 (660)	30 (762)	30 (762)			30 (762)	
Width	in (mm)	42 (1,067)			42 (1,067)								
Side (4 Locations)													
Height	in (mm)	39 (991)						34 (864)					
Width	in (mm)												
Discharge		Various discharge packages available. See Dealer for details.											
Ground Clearance		Varies with discharge selected.											
OPTIONS		Tru Taper™ Choose One Type of Screw for your Mixing Needs				Vortex® Choose One Type of Screw for your Mixing Needs				Vortex® Choose One Type of Screw for your Mixing Needs			
Vertical Mixer Screw		Dual Kicker - Multi-Angle or Cone Top				Single or Dual Kicker - Multi-Angle or Cone Top				Single or Dual Kicker - Multi-Angle or Cone Top			
Maximum No. of Knives+		7	7 per screw/14 total	7 per screw/21 total	7 per screw/14 total	9 per screw/18 total	5 per screw/10 total	7 per screw/14 total	11 per screw/22 total	11 per screw/22 total	7 per screw/21 total	7 per screw/21 total	
Steel/Rubber Side Extensions		Optional											
Hay Retainer Option(s)		N/A				Chain or Pipe			Chain		Chain or Pipe		
Discharge Chute w/ or w/out Magnet		Optional											
Discharge Conveyor(s)		Various Options Available											
Tub Mounted Magnet**		Optional											
Wide Selection of Indicators		Digi-Star®, dinamica generale®, & Weigh-Tronix®											
Camera Package		Optional											
Ladder (Rear Location)		Optional											
Planetary Cooling System		Optional											
Hydraulic Control Center		Optional											

*Minimum PTO horsepower requirement is for continuous run. Starting the mixer under load will require higher PTO horsepower. **Patented +Quantity varies with material in the ration and processing time.

